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**From:** Nguyen, Thuy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FD4C9A977D4493E948C607108A47C0E-THUY NGUYEN]  
**Sent:** 2/19/2021 5:26:05 PM  
**To:** French, David [French.David@epa.gov]; Liang, Yan Ling [Liang.YanLing@epa.gov]; Golden, Paul [Golden.Paul@epa.gov]  
**CC:** Qian, Yaorong [qian.yaorong@epa.gov]  
**Subject:** RE: Latest PFAS spreadsheets from QAO  
**Attachments:** PFAS\_Data Summary\_Preliminary\_02192021\_1st analysis.xlsx; PFAS\_Data Summary\_reanalysis\_02192021.xlsx

I talked to Yaorong, and he said the reanalysis of the product directly from production line does not have PFOA. So if spike was done for the reanalysis, we will report the reanalysis. Otherwise we will report the original data, minus PFOA for product from production line.

We probably won't know if spike was done until Monday, but I need to get a draft to Kimberly today  
David, can you please make 2 graphs for product samples from these 2 files.

Thank you

Thuy

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**From:** French, David <French.David@epa.gov>  
**Sent:** Friday, February 19, 2021 9:18 AM  
**To:** Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>  
**Cc:** Qian, Yaorong <qian.yaorong@epa.gov>  
**Subject:** RE: Latest PFAS spreadsheets from QAO

Here is the graph with the latest QAO reviewed rinsate data.

David

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**From:** Nguyen, Thuy <Nguyen.Thuy@epa.gov>  
**Sent:** Thursday, February 18, 2021 7:37 PM  
**To:** Liang, Yan Ling <Liang.YanLing@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>; French, David <French.David@epa.gov>  
**Cc:** Qian, Yaorong <qian.yaorong@epa.gov>  
**Subject:** RE: Latest PFAS spreadsheets from QAO

Thanks Yan

You are still working?

If you can't finish the results of the products today, I can finish the write up for them on Monday. I will finalize the write up for the rinsates tomorrow, after David updates the graph for me.

David – here is the spreadsheet that Yaorong sent me. It's a cleaner version of Yan's. Please use this to redo the graph for the rinse samples only

Thanks

Thuy

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**From:** Liang, Yan Ling <Liang.YanLing@epa.gov>  
**Sent:** Thursday, February 18, 2021 7:27 PM  
**To:** Nguyen, Thuy <Nguyen.Thuy@epa.gov>; Golden, Paul <Golden.Paul@epa.gov>; French, David <French.David@epa.gov>

**Cc:** Qian, Yaorong <[qian.yaorong@epa.gov](mailto:qian.yaorong@epa.gov)>  
**Subject:** RE: Latest PFAS spreadsheets from QAO

Just a minor note, see comments

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**From:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Sent:** Thursday, February 18, 2021 2:56 PM  
**To:** Golden, Paul <[Golden.Paul@epa.gov](mailto:Golden.Paul@epa.gov)>; Liang, Yan Ling <[Liang.YanLing@epa.gov](mailto:Liang.YanLing@epa.gov)>; French, David <[French.David@epa.gov](mailto:French.David@epa.gov)>  
**Cc:** Qian, Yaorong <[qian.yaorong@epa.gov](mailto:qian.yaorong@epa.gov)>  
**Subject:** RE: Latest PFAS spreadsheets from QAO

All  
Attached is the latest draft of the cover memo based on what we discussed yesterday. Please review and comment  
Paul  
Not sure what you mean by "trend" in your suggested edits, but I hope I include your "thoughts" in limitation #3.

After I get all the comments/suggestions/edits back, I will clean it up and send it to Kimberly for her review before I make it final

Thank you  
Thuy

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**From:** Golden, Paul <[Golden.Paul@epa.gov](mailto:Golden.Paul@epa.gov)>  
**Sent:** Wednesday, February 17, 2021 2:24 PM  
**To:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>; Liang, Yan Ling <[Liang.YanLing@epa.gov](mailto:Liang.YanLing@epa.gov)>; French, David <[French.David@epa.gov](mailto:French.David@epa.gov)>  
**Cc:** Qian, Yaorong <[qian.yaorong@epa.gov](mailto:qian.yaorong@epa.gov)>  
**Subject:** RE: Latest PFAS spreadsheets from QAO

Thuy,

Here are some of my thoughts to consider in yellow (with the exception of the footnote in yellow on page 2, not sure how/why that's there).

I expect there will also be other flags on the final spreadsheet(s) to be attached.

Obviously we will also need to remove (or edit) any preliminary results verbiage in the final report.

Paul

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**From:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Sent:** Wednesday, February 17, 2021 11:24 AM  
**To:** Golden, Paul <[Golden.Paul@epa.gov](mailto:Golden.Paul@epa.gov)>; Liang, Yan Ling <[Liang.YanLing@epa.gov](mailto:Liang.YanLing@epa.gov)>; French, David <[French.David@epa.gov](mailto:French.David@epa.gov)>  
**Cc:** Qian, Yaorong <[qian.yaorong@epa.gov](mailto:qian.yaorong@epa.gov)>  
**Subject:** RE: Latest PFAS spreadsheets from QAO

Paul  
Can you send me the report with your comments?

Thanks  
Thuy

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**From:** Golden, Paul <Golden.Paul@epa.gov>  
**Sent:** Wednesday, February 17, 2021 11:08 AM  
**To:** Liang, Yan Ling <Liang.YanLing@epa.gov>; French, David <French.David@epa.gov>  
**Cc:** Qian, Yaorong <qian.yaorong@epa.gov>; Nguyen, Thuy <Nguyen.Thuy@epa.gov>  
**Subject:** Latest PFAS spreadsheets from QAO

On the checks and recoveries spreadsheet I have placed flags for CCV and outside calibration range issues.

On the report I have placed some additional comments to consider adding.

Yan, you may need to get the thumb drive to get/find the latest Sciex instrument reports to verify proper integration of the CCV data. I suspect you guys have already looked hard at the Cal Curve data, and the reportable data integrations.

Paul